

Applicants: Christine L. Brakel, *et al.*  
Serial No.: 08/479,999  
Filed: June 28, 1994  
Page 6 of 6 (Response to March 31, 1998 Office Action and  
Request for Three-Month Extension of Time) - September 30, 1998

36 E  
B. Deary  
10/31/98



### AMENDMENTS

Please amend the subject application as set forth below.

#### In The Specification

In the first sentence following the title, after "December 4, 1989", insert -- now abandoned. --

#### In The Claims

Kindly amend claims 1, 21, 42, and 50 to read as follows:

*Initials*

~~-- 1. (Twice Amended) A modified nucleotide compound which includes at least one component selected from the group consisting of  $MN_3M$ ,  $N(N)_xM$  and  $M(N)_xB$  wherein:~~

~~N is a phosphodiester-linked modified or unmodified 2'-deoxynucleoside moiety; provided that at least one N is a phosphodiester-linked unmodified 2' deoxynucleoside moiety;~~

~~M is a moiety that confers endonuclease resistance on said component and that contains at least one modified or unmodified nucleic acid base;~~

~~B is a moiety that confers exonuclease resistance to the terminus to which~~

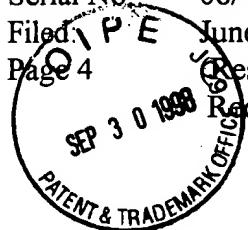
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*PE*  
it is attached;

*x* is an integer of at least 2.

*PE* *1/2*  
-- 21. (Twice Amended) A method of inhibiting the function of an RNA, which comprises: contacting said RNA, under conditions permissive of hybridization, with a modified nucleotide compound which includes at least one complimentary component selected from the group consisting of  $MN_3M$ ,  $B(N)_xM$  and  $M(N)_xB$  wherein:

*PE* *1/2*  
N is a phosphodiester-linked modified or unmodified 2'-deoxynucleoside moiety; provided that at least one N is a phosphodiester-linked unmodified 2' deoxynucleoside moiety;

M is a moiety that confers endonuclease resistance on said component and that contains at least one modified or unmodified nucleic acid base;

B is a moiety that confers exonuclease resistance to the terminus to which it is attached;

*x* is an integer of at least 2.

*PE* *1/2*  
-- 42 (Amended) A compound containing at least 1 exonuclease and endonuclease resistant component consisting of 2 or more contiguous phosphodiester-linked 2'